



Internal Letter

North American Rockwell

Date . October 22, 1970

No.

TO . Mr. J. H. Florip
Address . Detroit

FROM . H. Theis
Address . Grenada

Phone . (601) 226-1161
Ext. 243

Subject . Report for National Industrial Pollution Control Council
Reference your memorandum of October 7, 1970

Item No. 1

The Grenada Plant has not submitted any information on pollution to any federal department or agency since 1965.

Item No. 2

A. Kinds of Pollution Involved:

1. Chromic Acid - water pollutant
2. Chromic Acid - air pollutant
3. Solid Waste Disposal - air and water pollutant
4. Cleaners, Paints, Chrome, Compounds and Oils - air and water pollutants

B. Objectives:

The objectives of the Grenada Environmental Control Program are those basically established by the Commercial Products Group.

1. Compliance with laws and regulations that apply to environmental control.
2. Economical use of technical manpower and equipment to meet environmental control requirements.
3. Accurately budgeted capital improvements for adequate environmental control.
4. Full use of government incentives that have been set up to encourage compliance.
5. Communication of information gained by our experience through proper channels to other CPG facilities.
6. Evaluation of environmental effects of proposed new facilities, equipment, and processes prior to purchase and installation.
7. Monitoring of conditions within our facility to assure detection and correction of environmental control problems prior to governmental citations, penalties, or other action.



J. H. Florip
National Industrial Pollution Control Council
October 22, 1970
Page 2

C. Following is a brief summary of action taken by the Grenada Plant in the past and what action is expected in relation to how the objectives will be achieved:

1. John Ashley, plant engineer, has been designated Environmental Control Program Representative for the Grenada Plant.
2. Copies of all applicable laws and regulations on pollution control have been obtained from local, state, and federal governments.
3. A survey of noise conditions was conducted and summarized in a report by the Employers Insurance of Wausau on May 28, 1969. Noise silencers for equipment and ear protectors for employees are being investigated.
4. An atmospheric dust problem was evident in the buff department caused by the buffing processes. New air make-up units were installed in this area during October, 1970, to eliminate or drastically reduce this problem at a cost of approximately \$33,000.
5. A new chromic acid recovery system has been purchased at a cost of approximately \$95,000 and is due for installation by January, 1971, which will enable this process to recover 75-90% of that which is presently being chemically destroyed. This will reduce the expenditures that would be required to provide for the proper destruction of chromic acid.
6. A program to improve shop lighting has been completed in 1970.
7. Action Planned: In addition to the action already taken, we plan to conduct surveys and investigations in other areas outlined in the CPG Environmental Control Program. These include:
 - a) Smoke abatement and air pollution
 - b) Vehicle emissions
 - c) Facility appearance
 - d) Solid waste disposal
 - e) Water pollution

D. Estimated Costs: Grenada Environmental Control Program

The estimated costs are as follows:

1. Chromic acid - water pollutant	\$ 5,000
2. Chromic acid - air pollutant	78,000
3. Solid wastes, cleaners, paint and chrome strip, exhaust stack emission - air pollutant	150,000
4. Cleaners, oils, compounds, paints and other storm sewer products - water pollutants	<u>90,000</u>
Total Program Costs	\$323,000

J. H. Florip
National Industrial Pollution Control Council
October 22, 1970
Page 3



E. Estimated Completion Dates: For Items Listed

<u>Item - Description</u>	<u>Estimated Completion Date</u>
1. Chromic acid - water pollutant	2nd Quarter - Fiscal 1971
2. Chromic acid - air pollutant	4th Quarter - Fiscal 1971
3. Solid waste - air and water pollutant	4th Quarter - Fiscal 1972
4. Cleaners, paints, chrome, compounds and oils - air and water pollutant	4th Quarter - Fiscal 1972

Conclusion:

At the present the Grenada Plant is not being pressured by any group or source to improve any environmental condition associated with our operation. However, we recognize that we are located in a geographic area where local and state laws have not been finalized and also of somewhat permissive attitudes in this regard. We also recognize these attitudes can change rather quickly, therefore, our approach will be to continue to work to meet the minimum standards established by the responsible government agencies and those programs that relate to the CPG Environmental Control Program.


H. Theis

/jch

Copies to: Mr. J. S. Judd - Detroit
Mr. J. W. Hook - Detroit
Mr. R. R. Golze - Troy
Mr. G. B. Bowman - Troy
Mr. J. K. Ashley - Grenada